

ABSTRACT

An audio-video platform (AVP) performs as a master controller to interconnect other AV devices and provide unified control of all the AV devices connected to it. The AVP receives all control signals from users and controls
5 slave mode AV devices via an IEEE-1394 bus and master mode AV STBs by using an infrared (IR) blaster, having a command set equivalent to the infrared remote control of the master-mode AV device. The AVP also controls legacy devices via the IR blaster. The AVP has on screen display (OSD) and provides unified graphic user interface (GUI) for connected AV devices. The AVP can
10 transfer compressed AV signals for processing and display in one common format, making it possible to display video from all AV devices.